MITSUBISHI HEAVY INDUSTRIES, LTD.

Our Technologies, Your Tomorrow

SR Series

Inverter Residential Air Conditioners

MONIKA'S RESCUES
www.DoggieRescue.com

MHIAA is proudly sponsoring
Monika's Doggie Rescue

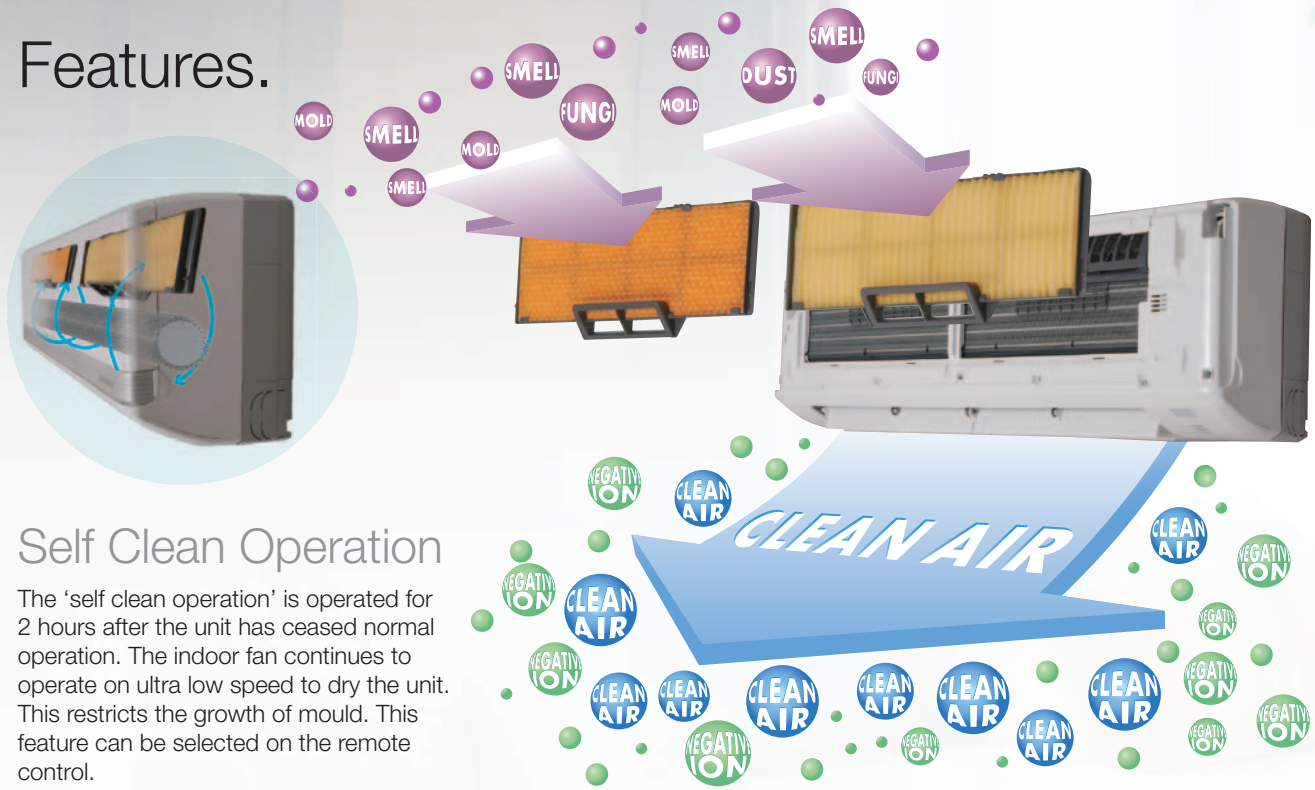
SR Series.
Inverter Residential Air Conditioners.

The ideal solution for air conditioning

Equipped with an easy to use controller boasting an assortment of convenient functions, filters to clean the air of allergens and odours, a compact stylish design and quiet operation, a Mitsubishi Heavy Industries air conditioner will be a valuable addition to any home. You can rest assured that your family will enjoy the luxury of air conditioned comfort all year round.

The SR range includes capacities from as low as 2.0kW to as high as 9.2kW which means you can air condition the smallest bedrooms to the largest entertainment areas. Priding itself on the reliability of its air conditioners and, with offices across Australia and an extensive network of service agents, Mitsubishi Heavy Industries will keep your air conditioner working perfectly over the years.

Features.

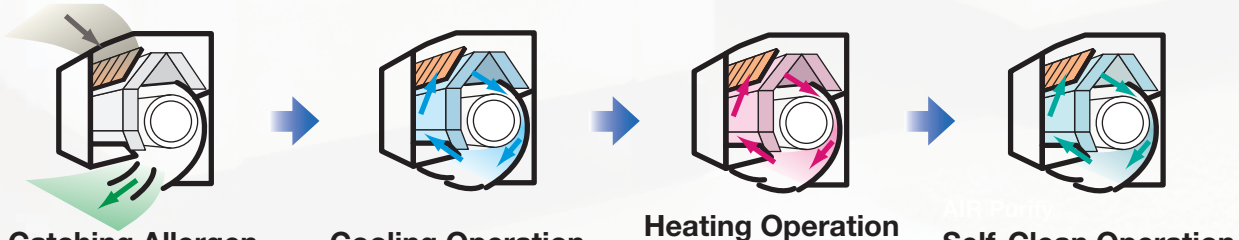


Self Clean Operation

The 'self clean operation' is operated for 2 hours after the unit has ceased normal operation. The indoor fan continues to operate on ultra low speed to dry the unit. This restricts the growth of mould. This feature can be selected on the remote control.

Allergen Clear System

The 'Allergen Clear system' suppresses the influence of the allergen caught by the filter by controlling the temperature and humidity.

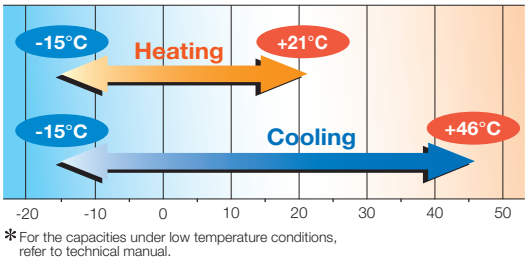


Catching Allergen on the Filter

Cooling Operation
To make condensing water.

Heating Operation
To give moisture to the Filter to inactivate allergen

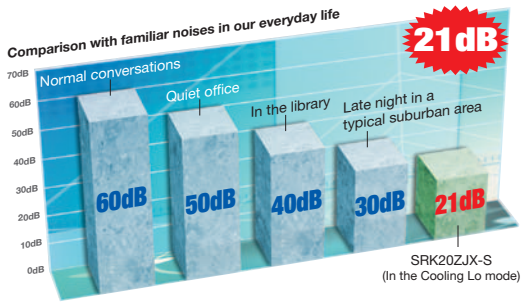
Self-Clean Operation
To dry up the indoor unit



*For the capacities under low temperature conditions, refer to technical manual.

Wide Operation Range

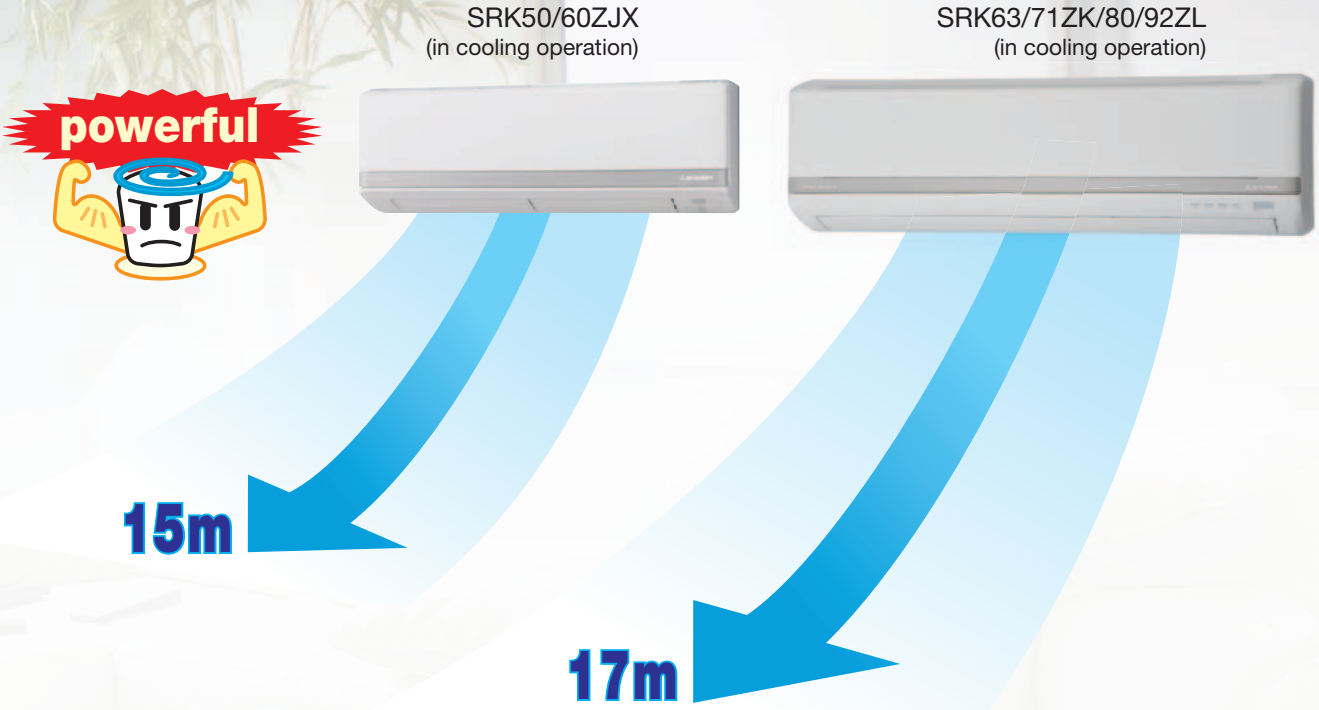
Heating and cooling operations are possible at an outdoor temperature as low as –15°C. Our advanced technology has improved the heating and cooling operation range. Units can be installed when heating or cooling operations are required at low ambient conditions down to -15°C.



Quiet Operation

The secret of quiet operation.

The combination of the jet airflow system and serration stabilizer configuration ensures uniform breeze to every corner of the room. It also makes it possible to lower the operation noise further by minimizing the interaction between airflow and the fan.

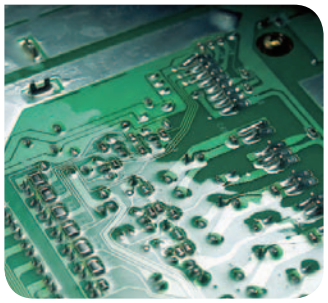


Long Reach Air Flow

The jet technology enables powerful airflow ideal for large living areas and commercial premises, increasing your comfort.

Silicon-Coated PCB

The printed circuit board of the outdoor unit is coated by silicon. The coating ensures longevity of the board in humid conditions.



Superior Corrosion Resistance

The base of the outdoor unit is hot dipped to provide superior corrosion and scratch resistance.

Three Sensors

Control of room temperature and humidity is very important for people to live a comfortable life. Use of three sensors to control indoor temperature, indoor humidity and outdoor temperature enable the unit to obtain optimum air-conditioning.

Inverter Heat Pump (High COP).

SRK-ZJX

Wall mounted type

SRK20ZJX-S / SRK25ZJX-S / SRK35ZJX-S / SRK50ZJX-S1 / SRK60ZJX-S1

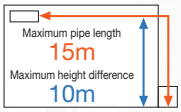
SRC20ZJX-S SRC25ZJX-S
SRC35ZJX-S

SRC50ZJX-S / SRC60ZJX-S

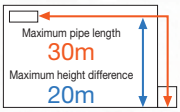
Single Multi

All SRK-ZJX series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant pipe length



SRK20ZJX-S / SRK25ZJX-S
SRK35ZJX-S



SRK50ZJX-S1 / SRK60ZJX-S1

FUNCTIONS

Comfortable Functions: Fuzzy, Auto, HI POWER, 3HOT

Maintenance & Prevention Functions: MC, Self Diagnostic, Detachable

Comfortable Air Flow Functions: 3D Auto, Auto Flap, Memory, UP/DOWN, Lateral Swing, Positioning of installation

Convenient & Economy Functions: Economy, DRY, OFF Timer, Sleep, On 24h Timer Off, On Timer

Others: Back-up Switch, Auto Restart, 24h ION, Luminous

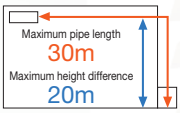
Indoor			SRK20ZJX-S	SRK25ZJX-S	SRK35ZJX-S	SRK50ZJX-S1	SRK60ZJX-S1
Outdoor			SRC20ZJX-S	SRC25ZJX-S	SRC35ZJX-S	SRC50ZJX-S1	SRC60ZJX-S
Power Supply			1 Phase 230V 50Hz				
Capacity	Cooling T1	kW	2.0 (0.9-3.1)	2.55 (0.9-3.2)	3.5 (0.9-4.1)	5.0 (1.1~5.8)	6.0 (1.1~6.8)
	Heating H1		2.5 (0.9-4.3)	3.13 (0.9-4.7)	4.3 (0.9-5.1)	6.0 (0.6~7.7)	6.8 (0.6~8.2)
	Heating H2		3.52	3.79	4.04	6.23	6.50
Input	Cooling T1	kW	0.35 (0.19-0.7)	0.49 (0.19-0.82)	0.845 (0.19-1.01)	1.3 (0.2~1.8)	1.86 (0.2~2.5)
	Heating H1		0.45 (0.23-1.0)	0.595 (0.23-1.12)	0.96 (0.23-1.35)	1.36 (0.2~2.43)	1.67 (0.2~2.70)
	Heating H2		0.984	1.095	1.256	1.95	2.40
Energy Label	Cooling T1	Stars	6	5	3	3	1.5
	Heating H1		5.5	5.5	3.5	4	3.5
Energy Star			Yes			No	
EER	Cooling T1		5.71	5.20	4.14	3.85	3.23
COP	Heating H1		5.56	5.26	4.48	4.41	4.07
	Heating H2		3.58	3.46	3.22	3.21	2.71
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	60	60	63	63	64
	Heating (Outdoor)		59	60	62	63	64
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	39/30/21	41/31/22	43/33/22	47/40/27	51/41/29
	Heating (Indoor)		38/33/25	41/34/27	42/35/27	48/40/33	48/41/34
Airflow	Cooling (Indoor)	l/s	191-133-83	208-150-83	225-158-83	225-183-133	242-208-142
	Heating (Indoor)		200-158-116	216-166-125	233-183-133	283-241-175	292-250-183
External Dimensions (HXWXD)	Indoor	mm	309X890X220				
	Outdoor		595X780(+62)X290			640X800(+71)X290	
Net Weight	Indoor	kg	15				
	Outdoor		38			45	
Refrigerant Piping	Liquid Line	mm	Ø6.35				
	Gas Line		Ø9.52			Ø12.7	
	Connection Method		Flare connection				
Refrigerant R410A	Quantity	kg	1.2			1.5	
	Pre Charged To Pipe Length	m	15				
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter				

Inverter Heat Pump.

SRK-ZK

Wall mounted type

SRK63ZK-S / SRK71ZK-S



SRK63ZK-S / SRK71ZK-S

Single Multi

The SRK71ZK-S can be selected for use with the SCM Multi system outdoor unit.

FUNCTIONS

Allergen System · Self Clean Operation · Allergen Filter · SUN Filter

Comfortable Functions

Fuzzy · Auto · HI POWER · 3HOT Keep

Convenient & Economy Functions

Economy · DRY · OFF Timer · Sleep · On 24h Timer Off · On Timer

Comfortable Air Flow Functions

Auto Flap · Memory · Air Scroll · UP/DOWN · Lateral Swing

Maintenance & Prevention Functions

MC · Self Diagnostic · Detachable

Others

Back-up Switch · Auto Restart · 24h ION · Luminous

Indoor			SRK63ZK-S	SRK71ZK-S
Outdoor			SRC63ZK-S	SRC71ZK-S
Power Supply			1 Phase 230V 50Hz	
Capacity	Cooling T1	kW	6.3 (2.15~7.10)	7.1 (2.15~8.00)
	Heating H1		7.1 (1.7~9.50)	8.0 (1.60~10.00)
	Heating H2		7.9	8.00
Input	Cooling T1	kW	1.76	2.16
	Heating H1		1.79	2.14
	Heating H2		2.85	2.9
Energy Label	Cooling T1	Stars	2	1.5
	Heating H1		3	2.5
Energy Star			Yes	
EER	Cooling T1		3.58	3.29
COP	Heating H1		3.97	3.74
	Heating H2		2.77	2.77
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	62	66
	Heating (Outdoor)		63	64
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	47-43-37-26	49-45-39-26
	Heating (Indoor)		44-41-36-33	46-43-39-35
Airflow	Cooling (Indoor)	l/s	310	325
	Heating (Indoor)		342	358
External Dimensions (HXWXD)	Indoor	mm	318X1098X248	
	Outdoor		750X880(+88)X340	
Net Weight	Indoor	kg	15	
	Outdoor		57	
Refrigerant Piping	Liquid Line	mm	Ø6.35	
	Gas Line		Ø15.88	
	Connection Method		Flare connection	
Refrigerant R410A	Quantity	kg	1.8	
	Pre Charged To Pipe Length	m	15	
Clean Filter			Enzyme & Photocatalytic Washable Deodorizing Filter	

Inverter Heat Pump Large Capacity.

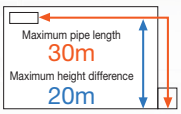
SRK-ZL

Wall mounted type

Micro

SRK80ZL-S

SRC80ZL-S



SRK80ZL-S

FUNCTIONS

Comfortable Functions

Convenient & Economy Functions

Comfortable Air Flow Functions

Maintenance & Prevention Functions

Others

Indoor			SRK80ZL-S
Outdoor			SRC80ZL-S
Power supply			1 Phase 230V 50Hz
Capacity	Cooling T1	kW	8.0 (2.15~9.00)
	Heating H1		9.0 (1.70~10.5)
	Heating H2		8.19
Input	Cooling T1	kW	2.35
	Heating H1		2.57
	Heating H2		3.07
Energy Label	Cooling T1	Stars	2
	Heating H1		2
Energy Star			No
EER	Cooling T1		3.40
COP	Heating H1		3.50
	Heating H2		2.67
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	67
	Heating(Outdoor)		67
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB	51-47-41-26
	Heating(Indoor)		48-45-40-37
Airflow	Cooling(Indoor)	l/s	350
	Heating(Indoor)		392
External dimensions (HXWXD)	Indoor	mm	318X1098X248
	Outdoor		845X970X370
Net weight	Indoor	kg	15
	Outdoor		65
Refrigerant piping	Liquid line	mm	Ø6.35
	Gas line		Ø15.88
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	2.2
	Pre charged to pipe length	m	15
Clean Filter			Enzyme & Photocatalytic Washable Deodorizing Filter

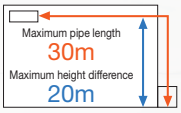
Inverter Heat Pump Large Capacity.

SRK-ZL

Wall mounted type

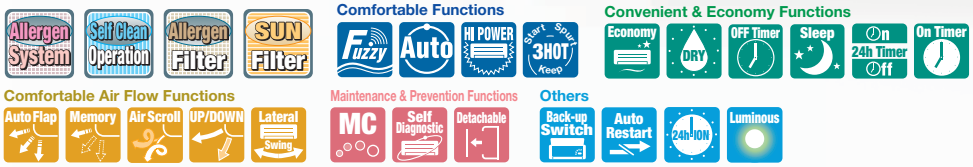
SRK92ZL-S

SRC92ZL-S



SRK92ZL-S

FUNCTIONS



Indoor			SRK92ZL-S
Outdoor			SRC92ZL-S
Power supply			1 Phase 230V 50Hz
Capacity	Cooling T1	kW	9.2 (2.4~10.0)
	Heating H1		10.0 (2.2~11.2)
	Heating H2		9.39
Input	Cooling T1	kW	2.54
	Heating H1		2.84
	Heating H2		3.38
Energy Label	Cooling T1	Stars	2.5
	Heating H1		2
Energy Star			No
EER	Cooling T1		3.62
COP	Heating H1		3.52
	Heating H2		2.78
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	67
	Heating(Outdoor)		67
Sound pressure level (JIS C9612)	Cooling(Indoor)	dB	51-47-41-26
	Heating(Indoor)		48-45-40-37
Airflow	Cooling(Indoor)	l/s	350
	Heating(Indoor)		392
External dimensions (HXWXD)	Indoor	mm	318X1098X248
	Outdoor		970X1300X370
Net weight	Indoor	kg	15
	Outdoor		91
Refrigerant piping	Liquid line	mm	Ø6.35
	Gas line		Ø15.88
	Connection method		Flare connection
Refrigerant R410A	Quantity	kg	3.15
	Pre charged to pipe length	m	15
Clean Filter			Enzyme & Photocatalytic Washable Deodorizing Filter

Inverter Heat Pump.

SRK-ZJ

Wall mounted type

LIMITED STOCK

HyperInverter

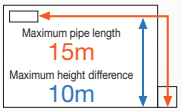
SRK25ZJ-S / SRK50ZJ-S

SRC50ZJ-S

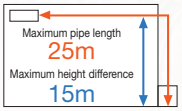
Single Multi

All SRK-ZJ series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant pipe length



SRK25ZJ-S



SRK50ZJ-S

FUNCTIONS

Comfortable Functions: Fuzzy, Auto, HI POWER, 3HOT Keep

Convenient & Economy Functions: Economy, DRY, OFF Timer, Sleep, On 24h Timer Off, On Timer

Comfortable Air Flow Functions: 3D Auto, Auto Flap, Memory, UP/DOWN, Lateral Swing, Positioning of installation

Maintenance & Prevention Functions: MC, Self Diagnostic, Detachable

Others: Back-up Switch, Auto Restart, Luminous

Indoor			SRK25ZJ-S	SRK50ZJ-S
Outdoor			SRC25ZJ-S	SRC50ZJ-S
Power Supply			1 Phase 230V 50Hz	
Capacity	Cooling T1	kW	2.5 (1.0~2.9)	5.0 (1.6~5.5)
	Heating H1		3.2 (1.2~4.2)	5.8 (1.6~6.6)
	Heating H2		3.26	5.30
Input	Cooling T1	kW	0.62 (0.21~0.88)	1.55 (0.4~2.2)
	Heating H1		0.80 (0.27~1.36)	1.59 (0.42~2.10)
	Heating H2		1.185	2.166
Energy Label	Cooling T1	Stars	3	1.5
	Heating H1		3	2.5
Energy Star			No	
EER	Cooling T1		4.03	3.23
COP	Heating H1		4.00	3.65
	Heating H2		2.75	2.45
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	60	61
	Heating (Outdoor)		61	63
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	34-28-21	46-37-26
	Heating (Indoor)		39-31-24	45-37-31
Airflow	Cooling (Indoor)	l/s	131-100-83	188-130-88
	Heating (Indoor)		176-108-85	225-170-125
External Dimensions (HXWXD)	Indoor	mm	294X798X229	
	Outdoor		540X780(+62)X290	640X800(+71)X290
Net Weight	Indoor	kg	9.5	
	Outdoor		35	42
Refrigerant Piping	Liquid Line	mm	Ø6.35	
	Gas Line		Ø9.52	Ø12.7
	Connection Method		Flare connection	
Refrigerant R410A	Quantity	kg	0.75	1.35
	Pre Charged To Pipe Length	m	15	
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter	

Inverter Heat Pump.

SRK-ZJ-S1

Wall mounted type

HyperInverter

SRK20ZJ-S1 / SRK25ZJ-S1 / SRK35ZJ-S1 / SRK50ZJ-S1

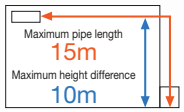
SRC20ZJ-S1
SRC25ZJ-S1
SRC35ZJ-S1

SRC50ZJ-S1

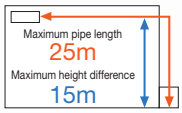
Single Multi

All SRK-ZJ-S1 series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

Refrigerant pipe length



SRK20/25/35ZJ-S1



SRK50ZJ-S1

FUNCTIONS

Allergen System · Self Clean Operation · Allergen Filter · SUN Filter

Comfortable Functions

Fuzzy · Auto · HI POWER · 3HOT Keep

Convenient & Economy Functions

Economy · DRY · OFF Timer · Sleep · On 24h Timer Off · On Timer

Comfortable Air Flow Functions

3D Auto · Auto Flap · Memory · UP/DOWN · Lateral Swing · Positioning of installation

Maintenance & Prevention Functions

MC · Self Diagnostic · Detachable

Others

Back-up Switch · Auto Restart · Luminous

Indoor			SRK20ZJ-S1	SRK25ZJ-S1	SRK35ZJ-S1	SRK50ZJ-S1
Outdoor			**SRC20ZJ-S1**	**SRC25ZJ-S1**	**SRC35ZJ-S1**	**SRC50ZJ-S1**
Power Supply			**1 Phase 230V 50Hz**			
Capacity	Cooling T1	kW	2.0 (1.0~2.7)	2.5 (1.0~2.9)	3.3 (1.0~3.8)	5.0 (1.6~5.5)
	Heating H1		2.7 (1.2~3.9)	3.2 (1.2~4.2)	4.0 (1.3~4.8)	5.8 (1.6~6.6)
	Heating H2		3.23	4.30	4.08	5.30
Input	Cooling T1	kW	0.44 (0.21~0.77)	0.58 (0.21~0.88)	0.87 (0.21~1.20)	1.55 (0.4~2.2)
	Heating H1		0.62 (0.27~1.38)	0.70 (0.27~1.36)	0.96 (0.29~1.45)	1.59 (0.42~2.10)
	Heating H2		1.222	1.444	1.388	2.055
Energy Label	Cooling T1	Stars	4	3.5	3	1.5
	Heating H1		3.5	4.5	3.5	2.5
Energy Star			No			
EER	Cooling T1		4.55	4.35	3.79	3.23
COP	Heating H1		4.35	4.57	4.19	3.65
	Heating H2		2.64	2.97	2.94	2.57
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	59	58	60	61
	Heating (Outdoor)		58	59	61	63
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	33-27-21	34-28-21	45-32-22	46-37-26
	Heating (Indoor)		36-31-24	39-31-24	42-37-25	45-37-31
Airflow	Cooling (Indoor)	l/s	130-93-80	131-100-83	190-106-83	188-130-88
	Heating (Indoor)		163-105-83	183-108-85	213-156-101	225-170-125
External Dimensions (HXWXD)	Indoor	mm	294X798X229			
	Outdoor		540X780(+62)X290	595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	kg	9.5			
	Outdoor		32	38		42
Refrigerant Piping	Liquid Line	mm	Ø6.35			
	Gas Line		Ø9.52			Ø12.7
	Connection Method		Flare connection			
Refrigerant R410A	Quantity	kg	0.75	1.15		1.35
	Pre Charged To Pipe Length	m	15			
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter			

Inverter Heat Pump (High COP).

SRF-ZJX

Floor type

SRF25ZJX-S / SRF35ZJX-S / SRF50ZJX-S1

Premium Series

SRC25ZJX-S / SRC35ZJX-S

SRC50ZJX-S

Single Multi

All SRF-ZJX series can be selected for use as indoor units in combination with the SCM Multi system outdoor unit.

FUNCTIONS

Self Clean Operation | Enzyme Filter | SUN Filter

Comfortable Functions: Fuzzy | Auto | HI POWER | 3HOT

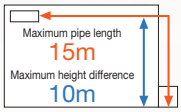
Comfortable Air Flow Functions: Auto Flap | Memory | UP/DOWN | Air outlet selection

Convenient & Economy Functions: Economy | DRY | OFF Timer | Sleep | 24h Timer | On Timer

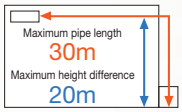
Maintenance & Prevention Functions: MC | Self Diagnostic | Detachable

Others: Back-up Switch | Auto Restart | Luminous

Refrigerant pipe length



SRC25ZJX-S / SRC35ZJX-S



SRC50ZJX-S

Indoor			SRF25ZJX-S	SRF35ZJX-S	SRF50ZJX-S1
Outdoor			SRC25ZJX-S	SRC35ZJX-S	SRC50ZJX-S
Power supply			1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.5 (0.9~3.2)	3.5 (0.9~4.1)	5.0 (0.7~5.5)
	Heating H1		3.4 (0.9~4.7)	4.5 (0.9~5.1)	6.0 (0.7~7.0)
	Heating H2		3.55	3.92	5.91
Input	Cooling T1	kW	0.521 (0.19~0.82)	0.890 (0.19~1.26)	1.390 (0.2~1.7)
	Heating H1		0.723 (0.23~1.2)	1.124 (0.23~1.43)	1.540 (0.2~2.15)
	Heating H2		1.121	1.325	1.95
Energy Label	Cooling	Stars	4	2.5	2.5
	Heating		4	3	3
EER	Cooling T1		4.80	3.93	3.60
COP	Heating H1		4.70	4.00	3.90
	Heating H2		3.17	2.96	3.03
Sound Power Level (JIS C9612)	Cooling (Outdoor)	dB(A)	60	63	63
	Heating (Outdoor)		60	62	62
Sound Pressure Level (JIS C9612)	Cooling (Indoor)	dB	38-31-26	41-34-28	46-42-32
	Heating (Indoor)		38-34-28	41-36-31	47-41-33
Airflow	Cooling (Indoor)	L/s	150-126-96	153-130-106	191-160-110
	Heating (Indoor)		175-136-110	178-138-123	200-166-126
External Dimensions (HXWXD)	Indoor	mm	600X860X238		
	Outdoor		595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	kg	18	19	
	Outdoor		38		45
Refrigerant Piping	Liquid Line	mm	Ø6.35		
	Gas Line		Ø9.52		Ø12.7
	Connection Method		Flare connection		
Refrigerant R410A	Quantity	kg	1.2		1.5
	Pe Charged To Pipe Length	m	15		
Clean Filter			Enzyme & Photocatalytic Washable Deodorizing Filter		

Inverter Cooling Only.

SRK-YL-S

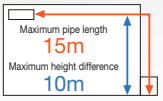
Wall mounted type

SRK10YL-S/SRK13YL-S/SRK18YL-S

SRC10YL-S/SRC13YL-S

SRC18YL-S

Refrigerant pipe length



SRK10YL-S/SRK13YL-S/SRK18YL-S

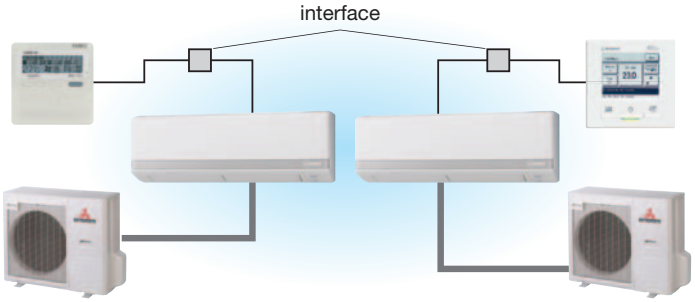
FUNCTIONS

Indoor			SRK10YL-S	SRK13YL-S	SRK18YL-S
Outdoor			SRC10YL-S	SRC13YL-S	SRC18YL-S
Power supply			1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	2.50	3.50	5.00
Input	Cooling T1		0.67	0.98	1.56
Energy Label	Cooling T1	Stars	2.5	2.5	1.5
EER	Cooling T1		3.73	3.57	3.21
Current	Cooling T1	Amp	3.4	4.7	7.5
Rec Circuit Breaker			16		
Sound power level (JIS C9612)	Cooling(Outdoor)	dB(A)	59	62	67
Airflow	Cooling(Indoor)	L/s	133	166	200
External dimensions (HXWXD)	Indoor	mm	268X790X213		
	Outdoor		540X780(+62)X290		595X780X(+62)X290
Net weight	Indoor	kg	8.5		9.5
	Outdoor		29	32	35
Refrigerant piping	Liquid line	mm	Ø6.35		
	Gas line		Ø9.52		Ø12.7
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	0.7	0.95	1.3
	Pre Charged To Pipe Length	m	15		
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

Control Options.

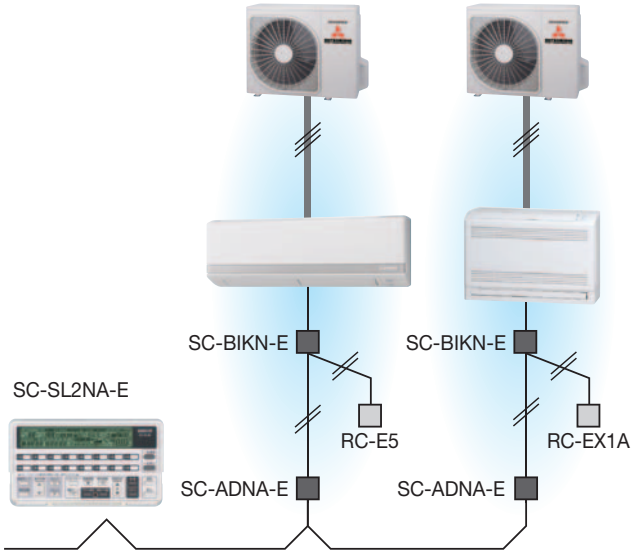
Wired remote control can be connected

Model	Interface	Remote Control
SRK63/71ZK-S SRK80/92ZL-S SRK20~60ZJX-S SRK20~50ZJ-S/S1	SC-BIKN-E	RC-E5 RC-EX1A

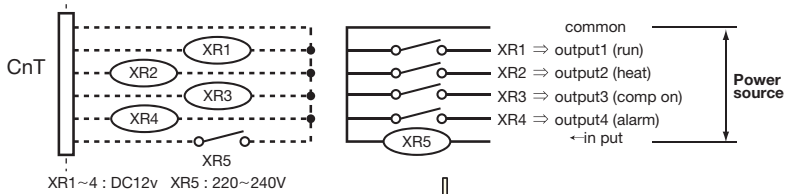


Can connect to SUPERLINK-II

Model	Interface	Remote Control
SRK20~60ZJX-S SRK20~50ZJ-S/S1 SRF25/35/50ZJX-S	SC-BIKN-E SC-ADNA-E	RC-E5 RC-EX1A



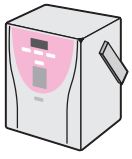
CnT terminal is equipped



Model	Interface
SRK63/71ZK-S SRK80/92ZL-S SRK20~60ZJX-S SRK20~50ZJ-S/S1	SC-BIKN-E

Remote surveillance system

Card key on-off



Humidifier linkage

Functions.

Filter

Allergen Clear Filter
The filter breaks down the pollen, lice, and all allergens that live on cat skins, etc. and deactivates them.

Photocatalytic Washable Deodorizing Filter
It keeps air fresh by deodorizing the molecules causing odor. The deodorizing ability can be easily restored simply by cleaning and exposing the filter to the sunlight.

Natural Enzyme Filter
Enzymes used in the filter are naturally occurring lytic enzymes which attack cell walls of microorganisms trapped on the filter and destroy them.

See details on page 2.

Comfortable Functions

Fuzzy Auto Mode
Automatically the unit determines its operating mode and temperature setting based on a fuzzy calculation and adjusts the inverter frequency.

Automatic Operation
The air conditioner automatically selects from heating, cooling or dry operation.

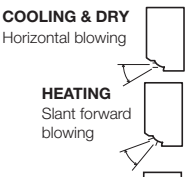
"HI POWER" Operation
The unit can operate continuously in HI POWER mode for 15 minutes. This mode is used to reach the desired temperature quickly.

Three "Hot" System
'Hot start' enables the unit to begin heating operation quickly.
'Hot spurt' is a fast heating system that works to increase the temperature setting by two degrees.
'Hot keep' is used during the automatic defrost cycle to prevent cool air being circulated.
These three operational control systems help ensure comfortable and efficient heating.

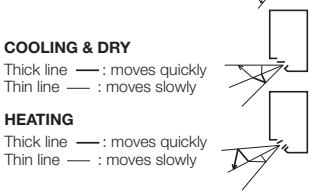
Comfortable Air Flow Functions

3D Auto
You can choose the best heating or cooling pattern with the touch of a button.

Auto Flap Mode
The unit automatically selects the optimal angle whatever the operation mode.



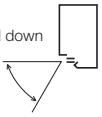
Air Scroll
The swing of the flap causes the air flow to spiral and the breeze to reach all corners of the room.



Memory Flap
While the flap is swinging it can be stopped at any angle. The flap returns to this position next time the unit starts.

Up/Down Flap Swing
The Up/Down flap can be adjusted to the preferred angle anywhere between horizontal and perpendicular.

SWING FLAP
Flap moves up and down continuously.



Lateral Swing
The louver swings from right to left automatically. Louver angle can be fixed in any desired position.

Air Outlet Selection
Both lower and upper air outlets and upper air outlet can be selected. (SRF models only)

Positioning of Installation
You can set the left-right air flow directions when you install the air conditioner near the side wall by remote controller operation.

Convenience & Economy Functions

On Timer
This enables the operation to start a little earlier so that the room is near to the set temperature at ON time.

Economy Mode
The unit achieves effective energy saving operation while still keeping a comfortable cooling or heating operation.

Dry Operation
The unit dehumidifies the room by intermittent cooling operation.

24-hour On/Off Programmable Timer
By combining a start timer with a stop timer you can register two timer operations a day. Once set timers will start or stop the system at the specified time of the day repeatedly.

Off Timer
The unit stops at the specified time.

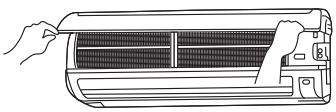
Sleep Mode
The room temperature is automatically controlled during the set sleep mode period ensuring that the room temperature will not get too hot or cold.

Maintenance & Prevention Functions

Microcomputer-Operated Defrosting
This function automatically eliminates frost and helps minimize excessive operation in other modes.

Self-Diagnostic Function
If the air conditioner malfunctions an internal microcomputer runs a self diagnosis. Inspection and repair should be performed by authorized dealers.

Detachable Indoor Air Inlet Panel
The air inlet panel on the indoor unit opens and closes easily making filter cleaning simple. The suction panel can be easily removed.



When removing the air inlet panel for internal cleaning or other reasons, open the grill by 65 degrees and then pull it to the side.

Others

Back-up Switch
On the indoor unit there is a back up on/off switch. The system will operate in the previous mode.

Auto Restart Function
Power blackout auto restart function records the operational status of the air conditioner immediately prior to being switched off by a power supply interruption. The unit automatically resumes operations in the mode and temperature set point after the power has been restored.

24-hour ION
The air conditioner body has a tourmaline coated sheet. Negative ions (2,500 -3,000/cc) are generated when the air conditioner is not running, allowing you to experience them without incurring any electrical cost.

Luminous Button
With wireless "Luminous" remote controls that even "glow in the dark", it is possible to operate all desired functions of the unit with the click of a button.

Before starting use

Heating performance
The heating performance values (kW) described in catalog are the values obtained by operating at an outdoor temperature of 7C and indoor temperature of 20C as set forth in the ISO Standards. As the heating performance decreases as the outdoor temperature drops, if the outdoor temperature is too low and the heating performance is insufficient, use other heating appliances as well.

Indication of sound values
The sound values are the values (A scale) measured in a chamber such as an anechoic chamber following the ISO Standards. In the actual installation state, the value is normally larger than the values given in the catalog due to the effect of surrounding noise and echo. Take this into consideration when installing.

Use in oil atmosphere
Avoid installing this unit in as atmosphere where oil scatters or builds up, such as in a kitchen or machine factory.
If the oil adheres to the heat exchanger, the heat exchanging performance will drop, mist may be generated, and the synthetic resin parts may deform and break.

Use in acidic or alkaline atmosphere
If this unit is used in acidic atmosphere such as hot spring areas having high level of sulfuric gases or in alkaline atmosphere including ammonia or calcium chloride, places where the exhaust of the heat exchanger is sucked in, or at coastal areas where the unit is subject to salt breezes, the outer plate or heat exchanger, etc., will corrode. Please ask a dealer or specialist when you use an air conditioner in places differing from a general atmosphere.

Use in places with high ceilings
If the ceiling is high, install a circulator to improve the heat and air flow distribution when heating.

Refrigerant leakage
The refrigerant (R410A) used for Air conditioner is non-toxic and nonflammable in its original state.
However, in consideration of a state where the refrigerant leaks into the room, measures against refrigerant leaks must be taken in small rooms where the tolerable level could be exceeded. Take measures by installing ventilation devices, etc.

Use in snowy areas
Take the following measures when installing the outdoor unit in snowy areas.

Snow prevention
Install a snow-prevention hood so that the snow does not obstruct the air intake port or enter and freeze in the outdoor unit.

Snow piling
In areas with heavy snow fall, the piled snow could block the air intake port. In this case, a frame that is 50cm or higher than the estimated snow fall must be installed underneath the outdoor unit.

Automatic defrosting device
If the temperature is low, and the humidity is high, frost will stick to the heat exchanger of the outdoor unit. If use is continued, the heating performance will drop.
The “Automatic defrosting device” will function to remove this frost.
After heating for approx, three to ten minutes, it will stop, and the frost will be removed. After defrosting, hot air will be blown again.

Servicing the air-conditioner
After the air-conditioner is used for several seasons, dirt will build up in the air-conditioner causing the performance to drop. In addition to regular servicing, we recommend the maintenance contract (charged for) by a specialist.

⚠ Safety Precautions

Air-conditioner usage target
The air-conditioner described in this catalog is a dedicated cooling/heating device for human use.
Do not use it for special applications such as the storage of foodstuffs, animals or plants, computer server rooms, precision devices or valuable art, etc.
This could cause the quality of the items to drop, etc.
Do not use this for cooling vehicles or ships. Water leakage or current leaks could occur.

Before use
Always read the “User,s Manual” thoroughly before starting use.

Installation
Always commission the installation to a dealer or specialist. Improper installation will lead to water leakage, electric shocks and fires.
Make sure that the outdoor unit is stable in installation. Fix the unit to stable base.

Usage place
Do not install in places where combustible gas could leak or where there are sparks.
Installation in a place where combustible gas could be generated, flow or accumulate, or places containing carbon fibers could lead to fires.

Only persons that are qualified and licensed are permitted to install and service products that contain refrigerants in Australia, go to www.arctick.org.
Suitable access for service must be provided in compliance with industry standards and local regulations.

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ISO9001
Our Air Conditioning & Refrigeration Systems Headquarters is an ISO9001 approved factory for residential air conditioners and commercial-use air conditioners (including heat pumps).

BIWAJIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air-conditioning & Refrigeration Systems Headquarters
Certified ISO 9001
Certificate number : JQA-0709

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